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31057 U.S. PTO

12-10-01

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IBM Docket No. GB920010085US1

**In the United States Patent and Trademark Office
Patent Application Transmittal**

Transmitted herewith for filing is the Patent Application of:

Inventors(s): Mark C. Astley and Neil George Stanley Young

For: Methods, Apparatus and Computer Programs Performing a Mutual Challenge-
Response Authentication Protocol Using Operating System Capabilities

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York

Enclosed are

33 pages of specification, including 16 claims, plus 3 sheets of *formal* drawings.

X An assignment to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an application.

X Declaration and Power of Attorney.

PTO-1449 & references

X A return post card

Other:

Filing Fee Calculation (For Other Than Small Entity)

Basic Fee:						\$740.00
Claims Fees:	Filed	Limit	Extra		Rate per Extra	
Total claims:	16	20	0		\$18.00	\$0.00
Independent claims:	5	3	2		\$84.00	\$168.00
Multiple Dependent Claim Presented					\$280.00	\$0.00
Total						\$908.00

Please charge the Deposit Account identified below for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

Express Mail Certificate

Mail Label Number: ET944325654US

Date: November 13, 2001

I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Dianne Lane

BY:

Jeanine S. Ray-Yarletts

Attorney of Record Reg. No. 39,808

Date: Nov. 13, 2001

Customer Number: 25259

Deposit Account Number: 09/0461

Telephone: 919-543-2541

Facsimile: 919-254-4330

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